



USEFUL CONVERSION FACTORS IN RANGELAND MANAGEMENT

Mindy Pratt and G. Allen Rasmussen

Range Management Fact Sheet

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NR/RM/05

Area:

43560 ft² = 1 acre
 2.471 ac = 1 hectare
 1 acre = .405 hectare
 640 acres = 1 mile²
 259 hectares = 1 mile²

Linear:

5280 ft = 1 mile
 1 mile = 1.6093 km
 1 meter = 3.2808 feet
 1 km = 0.6214 miles
 1 foot = 0.3048 meters

Speed (in mph) = $\frac{\text{distance traveled in feet}}{\text{time in seconds}} \times 0.682$

Weight:

16 ounces = 1 pound
 28.35 grams = 1 ounces
 453.59 ounces = 1 pound
 1 kilogram = 2.2 lbs
 1 pound = 0.454 kg
 1 kilogram per hectare = 0.891 pounds per acre
 1 pound per acre = 1.12 kilograms per hectare
 1 gallon diesel oil = 7 lbs (approx.)
 1 gallon kerosene = 6.7 lbs (approx.)

Volume and Liquid:

2 Tablespoons = 1 ounce dry weight (approx.)

2 cups = 1 pint

2 pints = 1 quart

4 quarts = 1 gallon

128 fluid ounces = 1 gallon = 231 in³

Application Rate Equivalents:

1 pound/acre = 1.04 grams/100 feet²

1 pound/acre = 1.121 kg/hectare

1 kg/hectare = 0.892 lbs/acre

1% = 10,000ppm = 8.34 lb a.e./100 gallon water

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